

**ABSTRACT**

5 The present invention relates to resource reservation for establishing end-to-end quality of service in a digital communication system, without resource reservation signalling over the access bearer. The solution, according to the invention is to remove the resource reservation protocol signalling on the IP level, over the access interface, e.g. the expensive and narrow radio channel, and introduce an  
10 resource reservation protocol proxy in the network. The introduction of the proxy functionality still supports the possibility, or meets the requirement, to reserve resources end to end.

15 Publ. Fig. 5